

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

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Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-115570-1

Client Project/Site: Gold King Mine - Region 9

For:

Weston Solutions, Inc.

1400 Weston Way

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Attn: Ms. Gretchen Fodor



Authorized for release by:

8/14/2015 12:30:54 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Job ID: 680-115570-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 9

Report Number: 680-115570-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/13/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.6 C.

METALS (ICP)

Samples SJ4C-081115-10 (680-115570-1), SJBB-081115-10 (680-115570-2), SJDS-081115-10 (680-115570-3), SJMH-081115-10 (680-115570-4), SJMC-081115-10 (680-115570-5), SJME-081115-10 (680-115570-6), SJSR-081115-10 (680-115570-7), SJHB-081115-10 (680-115570-8), MECT-081115-10 (680-115570-9), SJLP-81115-10 (680-115570-10), SJFP-81115-10 (680-115570-11), SJME-081115-09 (680-115570-12), SJ4C-081015-10 (680-115570-13), SJBB-081015-10 (680-115570-14), SJDS-081015-10 (680-115570-15), SJMH-081015-10 (680-115570-16), SJMC-081015-10 (680-115570-17), SJME-081015-10 (680-115570-18), SJSR-081015-10 (680-115570-19), SJHB-081015-10 (680-115570-20), MECT-081015-10 (680-115570-21), SJLP-081015-10 (680-115570-22), SJFP-081015-10 (680-115570-23) and SJHB-081015-10 (680-115570-24) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared and analyzed on 08/13/2015.

Calcium was detected in method blank MB 680-395977/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Aluminum, Calcium, Iron and Magnesium failed the recovery criteria low for the MS of sample SJMH-081015-10MS (680-115570-16) in batch 680-396092.

Aluminum, Calcium and Iron failed the recovery criteria low for the MSD of sample SJMH-081015-10MSD (680-115570-16) in batch 680-396092.

Calcium, Iron and Magnesium failed the recovery criteria low for the MS of sample SJMC-081115-10MS (680-115570-5) in batch 680-396092.

Calcium and Iron failed the recovery criteria low for the MSD of sample SJMC-081115-10MSD (680-115570-5) in batch 680-396092.

Iron and Sodium exceeded the RPD limit for the duplicate of sample SJMH-081015-10DU (680-115570-16).

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICPMS)

Samples SJ4C-081115-10 (680-115570-1), SJBB-081115-10 (680-115570-2), SJDS-081115-10 (680-115570-3), SJMH-081115-10

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Job ID: 680-115570-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-115570-4), SJMC-081115-10 (680-115570-5), SJME-081115-10 (680-115570-6), SJSR-081115-10 (680-115570-7), SJHB-081115-10 (680-115570-8), MECT-081115-10 (680-115570-9), SJLP-81115-10 (680-115570-10), SJFP-81115-10 (680-115570-11), SJME-081115-09 (680-115570-12), SJ4C-081015-10 (680-115570-13), SJBB-081015-10 (680-115570-14), SJDS-081015-10 (680-115570-15), SJMH-081015-10 (680-115570-16), SJMC-081015-10 (680-115570-17), SJME-081015-10 (680-115570-18), SJSR-081015-10 (680-115570-19), SJHB-081015-10 (680-115570-20), MECT-081015-10 (680-115570-21), SJLP-081015-10 (680-115570-22), SJFP-081015-10 (680-115570-23) and SJHB-081015-10 (680-115570-24) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 08/13/2015 and analyzed on 08/13/2015 and 08/14/2015.

Copper was detected in method blank MB 680-396032/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Copper was detected in method blank MB 680-396033/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Several analytes failed the recovery criteria low for the MS of sample SJMH-081015-10MS (680-115570-16) in batch 680-396166.

Antimony, Barium, Manganese and Zinc failed the recovery criteria low for the MSD of sample SJMH-081015-10MSD (680-115570-16) in batch 680-396166.

Antimony, Barium, Manganese and Vanadium failed the recovery criteria low for the MS of sample SJMC-081115-10MS (680-115570-5) in batch 680-396166.

Antimony, Barium and Zinc failed the recovery criteria low for the MSD of sample SJMC-081115-10MSD (680-115570-5) in batch 680-396166.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Several analytes exceeded the RPD limit for the duplicate of sample SJMH-081015-10DU (680-115570-16). Thallium exceeded the RPD limit for the duplicate of sample SJMC-081115-10DU (680-115570-5).

The interference check standard solution (ICSA) associated with batch 680-396166 had results for one or more elements at a level greater than 2 times the limit of detection (LOD). The initial ICSA result(s) was >2X LOD for Cadmium, and the closing ICSA result(s) was >2X LOD for Cadmium. The vendor acknowledges that these elements are trace impurities in the ICSA standard. These results are not indicative of a matrix interference.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples SJ4C-081115-10 (680-115570-1), SJBB-081115-10 (680-115570-2), SJDS-081115-10 (680-115570-3), SJMH-081115-10 (680-115570-4), SJMC-081115-10 (680-115570-5), SJME-081115-10 (680-115570-6), SJSR-081115-10 (680-115570-7), SJHB-081115-10 (680-115570-8), MECT-081115-10 (680-115570-9), SJLP-81115-10 (680-115570-10), SJFP-81115-10 (680-115570-11), SJME-081115-09 (680-115570-12), SJ4C-081015-10 (680-115570-13), SJBB-081015-10 (680-115570-14), SJDS-081015-10 (680-115570-15), SJMH-081015-10 (680-115570-16), SJMC-081015-10 (680-115570-17), SJME-081015-10 (680-115570-18), SJSR-081015-10 (680-115570-19), SJHB-081015-10 (680-115570-20), MECT-081015-10 (680-115570-21), SJLP-081015-10 (680-115570-22), SJFP-081015-10 (680-115570-23) and SJHB-081015-10 (680-115570-24) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/13/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS/MOISTURE

Samples SJ4C-081115-10 (680-115570-1), SJBB-081115-10 (680-115570-2), SJDS-081115-10 (680-115570-3), SJMH-081115-10

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Job ID: 680-115570-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-115570-4), SJMC-081115-10 (680-115570-5), SJME-081115-10 (680-115570-6), SJSR-081115-10 (680-115570-7), SJHB-081115-10 (680-115570-8), MECT-081115-10 (680-115570-9), SJLP-81115-10 (680-115570-10), SJFP-81115-10 (680-115570-11), SJME-081115-09 (680-115570-12), SJ4C-081015-10 (680-115570-13), SJBB-081015-10 (680-115570-14), SJDS-081015-10 (680-115570-15), SJMH-081015-10 (680-115570-16), SJMC-081015-10 (680-115570-17), SJME-081015-10 (680-115570-18), SJSR-081015-10 (680-115570-19), SJHB-081015-10 (680-115570-20), MECT-081015-10 (680-115570-21), SJLP-081015-10 (680-115570-22), SJFP-081015-10 (680-115570-23) and SJHB-081015-10 (680-115570-24) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 08/13/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-115570-1	SJ4C-081115-10	Solid	08/11/15 09:52	08/13/15 09:23
680-115570-2	SJBB-081115-10	Solid	08/11/15 11:40	08/13/15 09:23
680-115570-3	SJDS-081115-10	Solid	08/11/15 11:40	08/13/15 09:23
680-115570-4	SJMH-081115-10	Solid	08/11/15 10:35	08/13/15 09:23
680-115570-5	SJMC-081115-10	Solid	08/11/15 12:20	08/13/15 09:23
680-115570-6	SJME-081115-10	Solid	08/11/15 13:30	08/13/15 09:23
680-115570-7	SJSR-081115-10	Solid	08/11/15 12:35	08/13/15 09:23
680-115570-8	SJHB-081115-10	Solid	08/11/15 13:05	08/13/15 09:23
680-115570-9	MECT-081115-10	Solid	08/11/15 13:45	08/13/15 09:23
680-115570-10	SJLP-81115-10	Solid	08/11/15 14:25	08/13/15 09:23
680-115570-11	SJFP-81115-10	Solid	08/11/15 13:45	08/13/15 09:23
680-115570-12	SJME-081115-09	Solid	08/11/15 13:35	08/13/15 09:23
680-115570-13	SJ4C-081015-10	Solid	08/10/15 15:05	08/13/15 09:23
680-115570-14	SJBB-081015-10	Solid	08/10/15 12:40	08/13/15 09:23
680-115570-15	SJDS-081015-10	Solid	08/10/15 13:25	08/13/15 09:23
680-115570-16	SJMH-081015-10	Solid	08/10/15 11:35	08/13/15 09:23
680-115570-17	SJMC-081015-10	Solid	08/10/15 13:35	08/13/15 09:23
680-115570-18	SJME-081015-10	Solid	08/10/15 14:40	08/13/15 09:23
680-115570-19	SJSR-081015-10	Solid	08/10/15 12:10	08/13/15 09:23
680-115570-20	SJHB-081015-10	Solid	08/10/15 11:25	08/13/15 09:23
680-115570-21	MECT-081015-10	Solid	08/10/15 14:15	08/13/15 09:23
680-115570-22	SJLP-081015-10	Solid	08/10/15 09:40	08/13/15 09:23
680-115570-23	SJFP-081015-10	Solid	08/10/15 10:35	08/13/15 09:23
680-115570-24	SJHB-081015-10	Solid	08/10/15 11:25	08/13/15 09:23

TestAmerica Savannah

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7471B	Mercury (CVAA)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJ4C-081115-10

Lab Sample ID: 680-115570-1

Date Collected: 08/11/15 09:52

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5400		24	3.7	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1
Calcium	11000	B	59	6.2	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1
Iron	8200		24	6.3	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1
Potassium	1200		120	3.0	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1
Magnesium	3000		59	11	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1
Sodium	250		240	57	mg/Kg	☼	08/13/15 13:42	08/13/15 19:27	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.021	J	0.12	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Arsenic	2.7		0.35	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Barium	190		0.59	0.071	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Beryllium	0.39		0.059	0.018	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Cadmium	0.065		0.059	0.018	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Cobalt	3.4		0.059	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Chromium	5.0		1.2	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Copper	6.4	B	0.59	0.15	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Manganese	190		1.2	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Molybdenum	0.42	J	1.2	0.095	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Nickel	5.7		1.2	0.31	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Lead	6.3		0.24	0.059	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Selenium	0.15	J	0.59	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Thallium	0.080	J	0.12	0.059	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Vanadium	12		0.59	0.32	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1
Zinc	23		2.4	1.2	mg/Kg	☼	08/13/15 16:06	08/14/15 10:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	U	0.023	0.0092	mg/Kg	☼	08/13/15 15:50	08/13/15 17:44	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJBB-081115-10

Lab Sample ID: 680-115570-2

Date Collected: 08/11/15 11:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3000		22	3.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1
Calcium	8100	B	56	5.8	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1
Iron	5000		22	5.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1
Potassium	730		110	2.8	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1
Magnesium	1400		56	9.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1
Sodium	240		220	54	mg/Kg	☼	08/13/15 13:42	08/13/15 19:42	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.015	J	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Arsenic	2.0		0.33	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Barium	170		0.56	0.067	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Beryllium	0.22		0.056	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Cadmium	0.052	J	0.056	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Cobalt	2.1		0.056	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Chromium	2.9		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Copper	4.0	B	0.56	0.15	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Manganese	160		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Molybdenum	0.25	J	1.1	0.089	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Nickel	3.1		1.1	0.29	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Lead	4.8		0.22	0.056	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Selenium	0.11	U	0.56	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Thallium	0.056	U	0.11	0.056	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Vanadium	8.3		0.56	0.30	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1
Zinc	18		2.2	1.1	mg/Kg	☼	08/13/15 16:06	08/14/15 10:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0086	U	0.021	0.0086	mg/Kg	☼	08/13/15 15:50	08/13/15 18:09	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJDS-081115-10

Lab Sample ID: 680-115570-3

Date Collected: 08/11/15 11:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 73.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5600		25	3.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1
Calcium	5700	B	62	6.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1
Iron	9000		25	6.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1
Potassium	1000		120	3.1	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1
Magnesium	1800		62	11	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1
Sodium	310		250	60	mg/Kg	☼	08/13/15 13:42	08/13/15 19:11	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.032	J	0.12	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Arsenic	3.2		0.37	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Barium	260		0.62	0.075	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Beryllium	0.43		0.062	0.019	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Cadmium	0.13		0.062	0.019	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Cobalt	3.9		0.062	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Chromium	5.8		1.2	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Copper	7.6	B	0.62	0.16	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Manganese	220		1.2	0.15	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Molybdenum	0.52	J	1.2	0.10	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Nickel	5.5		1.2	0.32	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Lead	8.9		0.25	0.062	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Selenium	0.19	J	0.62	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Thallium	0.095	J	0.12	0.062	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Vanadium	14		0.62	0.34	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1
Zinc	41		2.5	1.2	mg/Kg	☼	08/13/15 16:06	08/14/15 09:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0095	U	0.024	0.0095	mg/Kg	☼	08/13/15 15:50	08/13/15 18:18	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMH-081115-10

Lab Sample ID: 680-115570-4

Date Collected: 08/11/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 83.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100		21	3.3	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1
Calcium	9500	B	53	5.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1
Iron	7400		21	5.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1
Potassium	580		110	2.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1
Magnesium	1600		53	9.4	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1
Sodium	81	J	210	51	mg/Kg	☼	08/13/15 13:42	08/13/15 19:19	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.011	U	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Arsenic	1.9		0.32	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Barium	500		0.53	0.063	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Beryllium	0.16		0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Cadmium	0.039	J	0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Cobalt	1.8		0.053	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Chromium	4.0		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Copper	2.7	B	0.53	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Manganese	130		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Molybdenum	0.23	J	1.1	0.085	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Nickel	2.9		1.1	0.28	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Lead	4.7		0.21	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Selenium	0.11	J	0.53	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Thallium	0.053	U	0.11	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Vanadium	15		0.53	0.29	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1
Zinc	13		2.1	1.1	mg/Kg	☼	08/13/15 16:06	08/14/15 09:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087	U	0.022	0.0087	mg/Kg	☼	08/13/15 15:50	08/13/15 18:12	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMC-081115-10

Lab Sample ID: 680-115570-5

Date Collected: 08/11/15 12:20

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4700		21	3.3	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1
Calcium	9100	B	54	5.6	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1
Iron	7200		21	5.7	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1
Potassium	960		110	2.7	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1
Magnesium	2000	F1	54	9.6	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1
Sodium	210		210	52	mg/Kg	☼	08/13/15 13:42	08/13/15 18:24	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.022	J	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Arsenic	2.8		0.32	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Barium	200		0.54	0.064	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Beryllium	0.36		0.054	0.016	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Cadmium	0.069		0.054	0.016	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Cobalt	3.3		0.054	0.011	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Chromium	4.5		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Copper	6.0	B	0.54	0.14	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Manganese	230		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Molybdenum	0.40	J	1.1	0.086	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Nickel	4.9		1.1	0.28	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Lead	6.7		0.21	0.054	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Antimony	0.11	U F1	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Selenium	0.16	J	0.54	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Thallium	0.12		0.11	0.054	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Vanadium	12	F1	0.54	0.29	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1
Zinc	26	F1	2.1	1.1	mg/Kg	☼	08/13/15 16:06	08/13/15 22:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	U	0.023	0.0093	mg/Kg	☼	08/13/15 15:50	08/13/15 19:48	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJME-081115-10

Lab Sample ID: 680-115570-6

Date Collected: 08/11/15 13:30

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 77.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3800		23	3.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1
Calcium	7600	B	58	6.0	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1
Iron	6500		23	6.2	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1
Potassium	820		120	2.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1
Magnesium	1700		58	10	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1
Sodium	190	J	230	56	mg/Kg	☼	08/13/15 13:42	08/13/15 19:03	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.023	J	0.12	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Arsenic	2.4		0.35	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Barium	210		0.58	0.070	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Beryllium	0.29		0.058	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Cadmium	0.061		0.058	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Cobalt	2.8		0.058	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Chromium	3.7		1.2	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Copper	5.3	B	0.58	0.15	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Manganese	200		1.2	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Molybdenum	0.33	J	1.2	0.093	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Nickel	4.1		1.2	0.30	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Lead	6.3		0.23	0.058	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Selenium	0.13	J	0.58	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Thallium	0.073	J	0.12	0.058	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Vanadium	11		0.58	0.31	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1
Zinc	23		2.3	1.2	mg/Kg	☼	08/13/15 16:06	08/14/15 09:26	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0099	U	0.025	0.0099	mg/Kg	☼	08/13/15 15:50	08/13/15 19:45	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJSR-081115-10

Lab Sample ID: 680-115570-7

Date Collected: 08/11/15 12:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		22	3.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1
Calcium	1800	B	56	5.8	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1
Iron	5700		22	5.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1
Potassium	320		110	2.8	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1
Magnesium	570		56	9.9	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1
Sodium	100	J	220	53	mg/Kg	☼	08/13/15 13:42	08/13/15 19:23	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.054	J	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Arsenic	3.6		0.33	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Barium	220		0.56	0.067	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Beryllium	0.16		0.056	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Cadmium	0.046	J	0.056	0.017	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Cobalt	2.1		0.056	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Chromium	1.9		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Copper	24	B	0.56	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Manganese	240		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Molybdenum	0.46	J	1.1	0.089	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Nickel	2.4		1.1	0.29	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Lead	16		0.22	0.056	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Selenium	0.11	U	0.56	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Thallium	0.056	U	0.11	0.056	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Vanadium	8.7		0.56	0.30	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1
Zinc	39		2.2	1.1	mg/Kg	☼	08/13/15 16:06	08/14/15 10:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0097	U	0.024	0.0097	mg/Kg	☼	08/13/15 15:50	08/13/15 18:03	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJHB-081115-10

Lab Sample ID: 680-115570-8

Date Collected: 08/11/15 13:05

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4100		25	3.8	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1
Calcium	3800	B	62	6.4	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1
Iron	6700		25	6.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1
Potassium	800		120	3.1	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1
Magnesium	1200		62	11	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1
Sodium	160	J	250	59	mg/Kg	☼	08/13/15 13:42	08/13/15 19:38	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.016	J	0.12	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Arsenic	2.5		0.37	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Barium	180		0.62	0.074	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Beryllium	0.34		0.062	0.018	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Cadmium	0.038	J	0.062	0.018	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Cobalt	2.8		0.062	0.012	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Chromium	3.9		1.2	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Copper	5.4	B	0.62	0.16	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Manganese	170		1.2	0.15	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Molybdenum	0.36	J	1.2	0.098	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Nickel	4.5		1.2	0.32	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Lead	5.0		0.25	0.062	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Selenium	0.12	J	0.62	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Thallium	0.075	J	0.12	0.062	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Vanadium	11		0.62	0.33	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1
Zinc	19		2.5	1.2	mg/Kg	☼	08/13/15 16:06	08/14/15 10:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	U	0.023	0.0093	mg/Kg	☼	08/13/15 15:50	08/13/15 18:06	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: MECT-081115-10

Lab Sample ID: 680-115570-9

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 84.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1200		21	3.3	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1
Calcium	11000	B	53	5.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1
Iron	2300		21	5.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1
Potassium	380		110	2.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1
Magnesium	830		53	9.4	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1
Sodium	51	J	210	51	mg/Kg	☼	08/13/15 13:42	08/13/15 19:07	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.011	U	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Arsenic	1.1		0.32	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Barium	140		0.53	0.064	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Beryllium	0.078		0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Cadmium	0.025	J	0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Cobalt	0.64		0.053	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Chromium	0.90	J	1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Copper	1.4	B	0.53	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Manganese	150		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Molybdenum	0.12	J	1.1	0.085	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Nickel	1.0	J	1.1	0.28	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Lead	1.9		0.21	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Selenium	0.11	U	0.53	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Thallium	0.053	U	0.11	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Vanadium	3.7		0.53	0.29	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1
Zinc	4.6		2.1	1.1	mg/Kg	☼	08/13/15 16:06	08/14/15 09:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0085	U	0.021	0.0085	mg/Kg	☼	08/13/15 15:50	08/13/15 18:15	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJLP-81115-10

Lab Sample ID: 680-115570-10

Date Collected: 08/11/15 14:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 81.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2400		21	3.3	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1
Calcium	2700	B	53	5.5	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1
Iron	6300		21	5.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1
Potassium	470		110	2.6	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1
Magnesium	730		53	9.4	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1
Sodium	56	J	210	51	mg/Kg	☼	08/13/15 13:42	08/13/15 19:15	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.013	J	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Arsenic	2.7		0.32	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Barium	370		0.53	0.063	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Beryllium	0.21		0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Cadmium	0.040	J	0.053	0.016	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Cobalt	2.1		0.053	0.011	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Chromium	3.5		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Copper	4.2	B	0.53	0.14	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Manganese	170		1.1	0.13	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Molybdenum	0.42	J	1.1	0.084	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Nickel	3.0		1.1	0.27	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Lead	8.0		0.21	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Selenium	0.16	J	0.53	0.11	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Thallium	0.053	U	0.11	0.053	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Vanadium	11		0.53	0.28	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1
Zinc	23		2.1	1.1	mg/Kg	☼	08/13/15 16:06	08/14/15 09:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	U	0.023	0.0092	mg/Kg	☼	08/13/15 15:50	08/13/15 18:21	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJFP-81115-10

Lab Sample ID: 680-115570-11

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 75.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6500		24	3.7	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1
Calcium	5200	B	59	6.1	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1
Iron	10000		24	6.2	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1
Potassium	1200		120	2.9	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1
Magnesium	1900		59	10	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1
Sodium	200	J	240	57	mg/Kg	☼	08/13/15 13:42	08/13/15 18:55	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.025	J	0.12	0.012	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Arsenic	3.6		0.35	0.12	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Barium	250		0.59	0.071	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Beryllium	0.53		0.059	0.018	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Cadmium	0.065		0.059	0.018	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Cobalt	5.0		0.059	0.012	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Chromium	7.1		1.2	0.13	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Copper	9.2	B	0.59	0.15	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Manganese	240		1.2	0.14	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Molybdenum	0.48	J	1.2	0.094	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Nickel	7.3		1.2	0.31	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Lead	7.6		0.24	0.059	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Antimony	0.13	J	1.2	0.12	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Selenium	0.20	J	0.59	0.12	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Thallium	0.17		0.12	0.059	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Vanadium	18		0.59	0.32	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1
Zinc	28		2.4	1.2	mg/Kg	☼	08/13/15 16:06	08/13/15 23:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	U	0.023	0.0093	mg/Kg	☼	08/13/15 15:50	08/13/15 18:51	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJME-081115-09

Lab Sample ID: 680-115570-12

Date Collected: 08/11/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 75.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		23	3.5	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1
Calcium	3400	B	57	5.9	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1
Iron	5900		23	6.0	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1
Potassium	690		110	2.8	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1
Magnesium	1000		57	10	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1
Sodium	110	J	230	55	mg/Kg	☼	08/13/15 13:42	08/13/15 18:59	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.016	J	0.11	0.011	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Arsenic	2.5		0.34	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Barium	200		0.57	0.068	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Beryllium	0.32		0.057	0.017	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Cadmium	0.048	J	0.057	0.017	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Cobalt	2.8		0.057	0.011	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Chromium	3.8		1.1	0.12	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Copper	4.8	B	0.57	0.15	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Manganese	170		1.1	0.14	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Molybdenum	0.33	J	1.1	0.091	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Nickel	3.8		1.1	0.30	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Lead	5.1		0.23	0.057	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Selenium	0.14	J	0.57	0.11	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Thallium	0.072	J	0.11	0.057	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Vanadium	11		0.57	0.31	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1
Zinc	19		2.3	1.1	mg/Kg	☼	08/13/15 16:06	08/13/15 23:49	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	U	0.025	0.010	mg/Kg	☼	08/13/15 15:50	08/13/15 18:24	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJ4C-081015-10

Lab Sample ID: 680-115570-13

Date Collected: 08/10/15 15:05

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 76.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5700		25	3.9	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1
Calcium	10000		63	6.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1
Iron	8900		25	6.6	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1
Potassium	1200		130	3.1	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1
Magnesium	2900		63	11	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1
Sodium	220	J	250	60	mg/Kg	☼	08/13/15 13:06	08/13/15 17:49	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.033	J	0.13	0.013	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Arsenic	3.3		0.38	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Barium	240		0.63	0.075	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Beryllium	0.47		0.063	0.019	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Cadmium	0.077		0.063	0.019	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Cobalt	4.1		0.063	0.013	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Chromium	6.4		1.3	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Copper	7.6	B	0.63	0.16	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Manganese	230		1.3	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Molybdenum	0.41	J	1.3	0.10	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Nickel	6.6		1.3	0.33	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Lead	7.7		0.25	0.063	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Antimony	0.13	U	1.3	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Selenium	0.18	J	0.63	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Thallium	0.089	J	0.13	0.063	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Vanadium	16		0.63	0.34	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1
Zinc	27		2.5	1.3	mg/Kg	☼	08/13/15 15:56	08/13/15 21:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	U	0.026	0.010	mg/Kg	☼	08/13/15 15:50	08/13/15 19:51	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJBB-081015-10

Lab Sample ID: 680-115570-14

Date Collected: 08/10/15 12:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 80.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		22	3.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1
Calcium	9500		56	5.8	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1
Iron	5400		22	6.0	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1
Potassium	860		110	2.8	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1
Magnesium	1600		56	10	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1
Sodium	200	J	220	54	mg/Kg	☼	08/13/15 13:06	08/13/15 17:41	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.017	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Arsenic	2.1		0.34	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Barium	110		0.56	0.067	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Beryllium	0.27		0.056	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Cadmium	0.058		0.056	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Cobalt	2.5		0.056	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Chromium	3.1		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Copper	4.9	B	0.56	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Manganese	210		1.1	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Molybdenum	0.27	J	1.1	0.090	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Nickel	3.6		1.1	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Lead	5.9		0.22	0.056	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Selenium	0.12	J	0.56	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Thallium	0.057	J	0.11	0.056	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Vanadium	8.3		0.56	0.30	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1
Zinc	22		2.2	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 21:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	U	0.023	0.0093	mg/Kg	☼	08/13/15 15:50	08/13/15 19:54	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJDS-081015-10

Lab Sample ID: 680-115570-15

Date Collected: 08/10/15 13:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 68.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		28	4.4	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1
Calcium	22000		70	7.3	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1
Iron	11000		28	7.4	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1
Potassium	1600		140	3.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1
Magnesium	6100		70	13	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1
Sodium	240	J	280	67	mg/Kg	☼	08/13/15 13:06	08/13/15 17:45	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.059	J	0.14	0.014	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Arsenic	4.1		0.42	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Barium	200		0.70	0.084	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Beryllium	0.51		0.070	0.021	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Cadmium	0.26		0.070	0.021	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Cobalt	4.4		0.070	0.014	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Chromium	8.4		1.4	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Copper	10	B	0.70	0.18	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Manganese	240		1.4	0.17	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Molybdenum	1.0	J	1.4	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Nickel	9.6		1.4	0.37	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Lead	10		0.28	0.070	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Antimony	0.14	J	1.4	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Selenium	0.61	J	0.70	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Thallium	0.17		0.14	0.070	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Vanadium	20		0.70	0.38	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1
Zinc	51		2.8	1.4	mg/Kg	☼	08/13/15 15:56	08/13/15 21:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.027	0.011	mg/Kg	☼	08/13/15 15:50	08/13/15 19:57	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMH-081015-10

Lab Sample ID: 680-115570-16

Date Collected: 08/10/15 11:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3600		22	3.4	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1
Calcium	12000		55	5.7	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1
Iron	5800		22	5.8	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1
Potassium	930		110	2.8	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1
Magnesium	2200		55	9.8	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1
Sodium	160	J	220	53	mg/Kg	☼	08/13/15 13:06	08/13/15 16:52	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.015	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Arsenic	2.0		0.33	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Barium	240		0.55	0.066	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Beryllium	0.27		0.055	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Cadmium	0.062		0.055	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Cobalt	2.4		0.055	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Chromium	4.0		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Copper	4.2	B	0.55	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Manganese	180	F1	1.1	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Molybdenum	0.26	J	1.1	0.088	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Nickel	3.8		1.1	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Lead	5.1		0.22	0.055	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Antimony	0.11	U F1	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Selenium	0.13	J	0.55	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Thallium	0.10	J	0.11	0.055	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Vanadium	10	F1	0.55	0.30	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1
Zinc	17	F1	2.2	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 19:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087	U	0.022	0.0087	mg/Kg	☼	08/13/15 16:09	08/13/15 21:17	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMC-081015-10

Lab Sample ID: 680-115570-17

Date Collected: 08/10/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 77.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5200		23	3.6	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1
Calcium	12000		58	6.1	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1
Iron	8500		23	6.2	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1
Potassium	1100		120	2.9	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1
Magnesium	3200		58	10	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1
Sodium	190	J	230	56	mg/Kg	☼	08/13/15 13:06	08/13/15 18:12	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.034	J	0.12	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Arsenic	2.9		0.35	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Barium	240		0.58	0.070	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Beryllium	0.38		0.058	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Cadmium	0.061		0.058	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Cobalt	3.4		0.058	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Chromium	5.4		1.2	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Copper	6.4	B	0.58	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Manganese	210		1.2	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Molybdenum	0.38	J	1.2	0.093	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Nickel	5.4		1.2	0.30	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Lead	6.6		0.23	0.058	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Selenium	0.16	J	0.58	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Thallium	0.069	J	0.12	0.058	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Vanadium	13		0.58	0.31	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1
Zinc	23		2.3	1.2	mg/Kg	☼	08/13/15 15:56	08/13/15 22:02	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0098	U	0.024	0.0098	mg/Kg	☼	08/13/15 15:50	08/13/15 20:09	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJME-081015-10

Lab Sample ID: 680-115570-18

Date Collected: 08/10/15 14:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 81.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4000		22	3.4	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1
Calcium	7400		55	5.7	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1
Iron	6800		22	5.8	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1
Potassium	860		110	2.7	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1
Magnesium	1600		55	9.7	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1
Sodium	200	J	220	52	mg/Kg	☼	08/13/15 13:06	08/13/15 18:05	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.017	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Arsenic	2.5		0.33	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Barium	230		0.55	0.066	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Beryllium	0.31		0.055	0.016	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Cadmium	0.059		0.055	0.016	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Cobalt	2.9		0.055	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Chromium	4.0		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Copper	4.9	B	0.55	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Manganese	210		1.1	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Molybdenum	0.31	J	1.1	0.087	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Nickel	3.9		1.1	0.28	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Lead	6.3		0.22	0.055	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Selenium	0.13	J	0.55	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Thallium	0.059	J	0.11	0.055	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Vanadium	12		0.55	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1
Zinc	24		2.2	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 21:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0083	U	0.021	0.0083	mg/Kg	☼	08/13/15 16:09	08/13/15 21:23	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJSR-081015-10

Lab Sample ID: 680-115570-19

Date Collected: 08/10/15 12:10

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 83.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3000		20	3.2	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1
Calcium	2700		51	5.3	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1
Iron	5300		20	5.4	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1
Potassium	550		100	2.6	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1
Magnesium	850		51	9.1	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1
Sodium	170	J	200	49	mg/Kg	☼	08/13/15 13:06	08/13/15 18:09	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.013	J	0.10	0.010	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Arsenic	2.3		0.31	0.10	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Barium	140		0.51	0.061	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Beryllium	0.24		0.051	0.015	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Cadmium	0.040	J	0.051	0.015	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Cobalt	2.5		0.051	0.010	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Chromium	2.6		1.0	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Copper	3.6	B	0.51	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Manganese	210		1.0	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Molybdenum	0.27	J	1.0	0.082	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Nickel	3.0		1.0	0.27	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Lead	6.1		0.20	0.051	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Antimony	0.10	U	1.0	0.10	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Selenium	0.11	J	0.51	0.10	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Thallium	0.051	U	0.10	0.051	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Vanadium	7.9		0.51	0.28	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1
Zinc	26		2.0	1.0	mg/Kg	☼	08/13/15 15:56	08/13/15 21:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0089	U	0.022	0.0089	mg/Kg	☼	08/13/15 15:50	08/13/15 20:06	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-20

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 80.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		23	3.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1
Calcium	2400		57	5.9	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1
Iron	4500		23	6.0	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1
Potassium	390		110	2.8	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1
Magnesium	620		57	10	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1
Sodium	67	J	230	54	mg/Kg	☼	08/13/15 13:06	08/13/15 17:37	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.023	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Arsenic	1.9		0.34	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Barium	160		0.57	0.068	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Beryllium	0.17		0.057	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Cadmium	0.041	J	0.057	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Cobalt	1.8		0.057	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Chromium	2.0		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Copper	4.4	B	0.57	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Manganese	180		1.1	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Molybdenum	0.34	J	1.1	0.091	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Nickel	4.4		1.1	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Lead	8.4		0.23	0.057	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Selenium	0.11	J	0.57	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Thallium	0.057	U	0.11	0.057	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Vanadium	6.9		0.57	0.31	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1
Zinc	37		2.3	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 21:13	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0086	U	0.022	0.0086	mg/Kg	☼	08/13/15 15:50	08/13/15 20:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: MECT-081015-10

Lab Sample ID: 680-115570-21

Date Collected: 08/10/15 14:15

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		24	3.7	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1
Calcium	19000		59	6.2	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1
Iron	5500		24	6.3	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1
Potassium	950		120	3.0	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1
Magnesium	2700		59	11	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1
Sodium	100	J	240	57	mg/Kg	☼	08/13/15 13:06	08/13/15 17:34	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.014	J	0.12	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Arsenic	2.2		0.36	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Barium	240		0.59	0.071	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Beryllium	0.23		0.059	0.018	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Cadmium	0.10		0.059	0.018	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Cobalt	1.8		0.059	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Chromium	2.7		1.2	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Copper	3.2	B	0.59	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Manganese	200		1.2	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Molybdenum	0.32	J	1.2	0.095	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Nickel	3.7		1.2	0.31	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Lead	4.3		0.24	0.059	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Antimony	0.12	U	1.2	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Selenium	0.18	J	0.59	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Thallium	0.067	J	0.12	0.059	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Vanadium	8.2		0.59	0.32	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1
Zinc	15		2.4	1.2	mg/Kg	☼	08/13/15 15:56	08/13/15 21:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	U	0.023	0.0092	mg/Kg	☼	08/13/15 15:50	08/13/15 20:12	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJLP-081015-10

Lab Sample ID: 680-115570-22

Date Collected: 08/10/15 09:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		24	3.7	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1
Calcium	2900		59	6.2	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1
Iron	9600		24	6.3	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1
Potassium	520		120	3.0	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1
Magnesium	850		59	11	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1
Sodium	57	U	240	57	mg/Kg	☼	08/13/15 13:06	08/13/15 17:26	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.039	J	0.12	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Arsenic	3.8		0.36	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Barium	610		0.59	0.071	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Beryllium	0.26		0.059	0.018	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Cadmium	0.11		0.059	0.018	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Cobalt	2.8		0.059	0.012	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Chromium	4.6		1.2	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Copper	8.3	B	0.59	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Manganese	290		1.2	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Molybdenum	0.63	J	1.2	0.095	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Nickel	3.3		1.2	0.31	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Lead	22		0.24	0.059	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Antimony	0.21	J	1.2	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Selenium	0.23	J	0.59	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Thallium	0.11	J	0.12	0.059	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Vanadium	19		0.59	0.32	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1
Zinc	76		2.4	1.2	mg/Kg	☼	08/13/15 15:56	08/13/15 20:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	U	0.023	0.0093	mg/Kg	☼	08/13/15 15:50	08/13/15 20:03	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJFP-081015-10

Lab Sample ID: 680-115570-23

Date Collected: 08/10/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 74.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3200		23	3.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1
Calcium	3200		57	5.9	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1
Iron	6100		23	6.0	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1
Potassium	610		110	2.8	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1
Magnesium	920		57	10	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1
Sodium	130	J	230	54	mg/Kg	☼	08/13/15 13:06	08/13/15 17:30	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.017	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Arsenic	3.6		0.34	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Barium	200		0.57	0.068	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Beryllium	0.29		0.057	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Cadmium	0.042	J	0.057	0.017	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Cobalt	2.8		0.057	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Chromium	3.4		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Copper	4.4	B	0.57	0.15	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Manganese	190		1.1	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Molybdenum	0.33	J	1.1	0.091	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Nickel	3.8		1.1	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Lead	5.4		0.23	0.057	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Selenium	0.13	J	0.57	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Thallium	0.075	J	0.11	0.057	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Vanadium	10		0.57	0.31	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1
Zinc	23		2.3	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 20:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0091	U	0.023	0.0091	mg/Kg	☼	08/13/15 16:09	08/13/15 21:27	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-24

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4100		21	3.3	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1
Calcium	7900		53	5.5	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1
Iron	6900		21	5.6	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1
Potassium	870		110	2.6	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1
Magnesium	1700		53	9.4	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1
Sodium	240		210	51	mg/Kg	☼	08/13/15 13:06	08/13/15 17:53	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.019	J	0.11	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Arsenic	2.3		0.32	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Barium	220		0.53	0.063	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Beryllium	0.29		0.053	0.016	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Cadmium	0.064		0.053	0.016	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Cobalt	2.7		0.053	0.011	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Chromium	3.8		1.1	0.12	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Copper	4.6	B	0.53	0.14	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Manganese	200		1.1	0.13	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Molybdenum	0.37	J	1.1	0.085	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Nickel	3.8		1.1	0.28	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Lead	5.9		0.21	0.053	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Antimony	0.11	U	1.1	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Selenium	0.13	J	0.53	0.11	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Thallium	0.058	J	0.11	0.053	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Vanadium	11		0.53	0.29	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1
Zinc	23		2.1	1.1	mg/Kg	☼	08/13/15 15:56	08/13/15 21:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	U	0.023	0.0092	mg/Kg	☼	08/13/15 16:09	08/13/15 21:20	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 680-395967/1-A
Matrix: Solid
Analysis Batch: 396092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.7	U	18	2.7	mg/Kg		08/13/15 13:06	08/13/15 16:43	1
Calcium	4.6	U	44	4.6	mg/Kg		08/13/15 13:06	08/13/15 16:43	1
Iron	4.6	U	18	4.6	mg/Kg		08/13/15 13:06	08/13/15 16:43	1
Potassium	2.2	U	88	2.2	mg/Kg		08/13/15 13:06	08/13/15 16:43	1
Magnesium	7.8	U	44	7.8	mg/Kg		08/13/15 13:06	08/13/15 16:43	1
Sodium	42	U	180	42	mg/Kg		08/13/15 13:06	08/13/15 16:43	1

Lab Sample ID: LCS 680-395967/2-A
Matrix: Solid
Analysis Batch: 396092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	450	461		mg/Kg		102	80 - 120
Calcium	450	483		mg/Kg		107	80 - 120
Iron	450	455		mg/Kg		101	80 - 120
Potassium	450	464		mg/Kg		103	80 - 120
Magnesium	450	448		mg/Kg		100	80 - 120
Sodium	450	459		mg/Kg		102	80 - 120

Lab Sample ID: 680-115570-16 MS
Matrix: Solid
Analysis Batch: 396092

Client Sample ID: SJMH-081015-10
Prep Type: Total/NA
Prep Batch: 395967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	3600		532	3740	4	mg/Kg	✖	31	75 - 125
Calcium	12000		532	12800	4	mg/Kg	✖	59	75 - 125
Iron	5800		532	4990	4	mg/Kg	✖	-155	75 - 125
Potassium	930		532	1360		mg/Kg	✖	82	75 - 125
Magnesium	2200		532	2540	4	mg/Kg	✖	67	75 - 125
Sodium	160	J	532	643		mg/Kg	✖	91	75 - 125

Lab Sample ID: 680-115570-16 MSD
Matrix: Solid
Analysis Batch: 396092

Client Sample ID: SJMH-081015-10
Prep Type: Total/NA
Prep Batch: 395967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum	3600		560	3800	4	mg/Kg	✖	40	75 - 125	2	20
Calcium	12000		560	12800	4	mg/Kg	✖	61	75 - 125	0	20
Iron	5800		560	5250	4	mg/Kg	✖	-101	75 - 125	5	20
Potassium	930		560	1400		mg/Kg	✖	85	75 - 125	3	20
Magnesium	2200		560	2640		mg/Kg	✖	81	75 - 125	4	20
Sodium	160	J	560	691		mg/Kg	✖	95	75 - 125	7	20

Lab Sample ID: 680-115570-16 DU
Matrix: Solid
Analysis Batch: 396092

Client Sample ID: SJMH-081015-10
Prep Type: Total/NA
Prep Batch: 395967

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	3600		2950		mg/Kg	✖	19	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 680-115570-16 DU

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: SJMH-081015-10

Prep Type: Total/NA

Prep Batch: 395967

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Calcium	12000		12300		mg/Kg	☼	0.8	20
Iron	5800		4700	F3	mg/Kg	☼	21	20
Potassium	930		804		mg/Kg	☼	14	20
Magnesium	2200		2100		mg/Kg	☼	4	20
Sodium	160	J	116	J F5	mg/Kg	☼	30	20

Lab Sample ID: MB 680-395977/1-A

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 395977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3.0	U	19	3.0	mg/Kg		08/13/15 13:42	08/13/15 18:16	1
Calcium	7.69	J	49	5.0	mg/Kg		08/13/15 13:42	08/13/15 18:16	1
Iron	5.1	U	19	5.1	mg/Kg		08/13/15 13:42	08/13/15 18:16	1
Potassium	2.4	U	97	2.4	mg/Kg		08/13/15 13:42	08/13/15 18:16	1
Magnesium	8.6	U	49	8.6	mg/Kg		08/13/15 13:42	08/13/15 18:16	1
Sodium	47	U	190	47	mg/Kg		08/13/15 13:42	08/13/15 18:16	1

Lab Sample ID: LCS 680-395977/2-A

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 395977
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	450	425		mg/Kg		94	80 - 120
Calcium	450	447		mg/Kg		99	80 - 120
Iron	450	424		mg/Kg		94	80 - 120
Potassium	450	429		mg/Kg		95	80 - 120
Magnesium	450	416		mg/Kg		92	80 - 120
Sodium	450	427		mg/Kg		95	80 - 120

Lab Sample ID: 680-115570-5 MS

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 395977
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	4700		547	5070	4	mg/Kg	☼	75	75 - 125
Calcium	9100	B	547	8970	4	mg/Kg	☼	-16	75 - 125
Iron	7200		547	7220	4	mg/Kg	☼	4	75 - 125
Potassium	960		547	1430		mg/Kg	☼	85	75 - 125
Magnesium	2000	F1	547	2390	F1	mg/Kg	☼	69	75 - 125
Sodium	210		547	718		mg/Kg	☼	93	75 - 125

Lab Sample ID: 680-115570-5 MSD

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 395977
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum	4700		542	5240	4	mg/Kg	☼	107	75 - 125	3	20
Calcium	9100	B	542	9370	4	mg/Kg	☼	59	75 - 125	4	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 680-115570-5 MSD

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 395977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Iron	7200		542	7500	4	mg/Kg	☼	56	75 - 125	4	20
Potassium	960		542	1450		mg/Kg	☼	90	75 - 125	2	20
Magnesium	2000	F1	542	2450		mg/Kg	☼	80	75 - 125	2	20
Sodium	210		542	721		mg/Kg	☼	94	75 - 125	0	20

Lab Sample ID: 680-115570-5 DU

Matrix: Solid

Analysis Batch: 396092

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 395977

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	4700		4520		mg/Kg	☼	3	20
Calcium	9100	B	8750		mg/Kg	☼	3	20
Iron	7200		7130		mg/Kg	☼	1	20
Potassium	960		934		mg/Kg	☼	2	20
Magnesium	2000	F1	2020		mg/Kg	☼	0.06	20
Sodium	210		220		mg/Kg	☼	4	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-396032/1-A

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0088	U	0.088	0.0088	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Arsenic	0.088	U	0.26	0.088	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Barium	0.053	U	0.44	0.053	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Beryllium	0.013	U	0.044	0.013	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Cadmium	0.013	U	0.044	0.013	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Cobalt	0.0088	U	0.044	0.0088	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Chromium	0.096	U	0.88	0.096	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Copper	0.226	J	0.44	0.11	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Manganese	0.11	U	0.88	0.11	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Molybdenum	0.070	U	0.88	0.070	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Nickel	0.23	U	0.88	0.23	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Lead	0.044	U	0.18	0.044	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Antimony	0.088	U	0.88	0.088	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Selenium	0.088	U	0.44	0.088	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Thallium	0.044	U	0.088	0.044	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Vanadium	0.24	U	0.44	0.24	mg/Kg		08/13/15 15:56	08/13/15 19:33	1
Zinc	0.88	U	1.8	0.88	mg/Kg		08/13/15 15:56	08/13/15 19:33	1

Lab Sample ID: LCS 680-396032/2-A

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Silver	4.50	4.74		mg/Kg		105	75 - 125
Arsenic	9.01	9.42		mg/Kg		105	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-396032/2-A
Matrix: Solid
Analysis Batch: 396166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396032
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	9.01	9.94		mg/Kg		110	75 - 125
Beryllium	4.50	4.94		mg/Kg		110	75 - 125
Cadmium	4.50	5.12		mg/Kg		114	75 - 125
Cobalt	4.50	4.98		mg/Kg		111	75 - 125
Chromium	9.01	9.54		mg/Kg		106	75 - 125
Copper	9.01	9.88		mg/Kg		110	75 - 125
Manganese	45.0	49.4		mg/Kg		110	75 - 125
Molybdenum	9.01	9.73		mg/Kg		108	75 - 125
Nickel	9.01	9.99		mg/Kg		111	75 - 125
Lead	45.0	49.7		mg/Kg		110	75 - 125
Antimony	4.50	4.69		mg/Kg		104	75 - 125
Selenium	9.01	9.51		mg/Kg		106	75 - 125
Thallium	3.60	3.93		mg/Kg		109	75 - 125
Vanadium	9.01	9.54		mg/Kg		106	75 - 125
Zinc	9.01	10.0		mg/Kg		112	75 - 125

Lab Sample ID: 680-115570-16 MS
Matrix: Solid
Analysis Batch: 396166

Client Sample ID: SJMH-081015-10
Prep Type: Total/NA
Prep Batch: 396032
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Silver	0.015	J	5.32	5.27		mg/Kg	☼	99	75 - 125
Arsenic	2.0		10.6	11.7		mg/Kg	☼	91	75 - 125
Barium	240		10.6	186	4	mg/Kg	☼	-529	75 - 125
Beryllium	0.27		5.32	5.90		mg/Kg	☼	106	75 - 125
Cadmium	0.062		5.32	5.64		mg/Kg	☼	105	75 - 125
Cobalt	2.4		5.32	7.17		mg/Kg	☼	90	75 - 125
Chromium	4.0		10.6	13.7		mg/Kg	☼	91	75 - 125
Copper	4.2	B	10.6	13.4		mg/Kg	☼	87	75 - 125
Manganese	180	F1	53.2	198	F1	mg/Kg	☼	25	75 - 125
Molybdenum	0.26	J	10.6	10.6		mg/Kg	☼	97	75 - 125
Nickel	3.8		10.6	13.6		mg/Kg	☼	92	75 - 125
Lead	5.1		53.2	57.8		mg/Kg	☼	99	75 - 125
Antimony	0.11	U F1	5.32	3.86	F1	mg/Kg	☼	72	75 - 125
Selenium	0.13	J	10.6	10.6		mg/Kg	☼	98	75 - 125
Thallium	0.10	J	4.25	4.49		mg/Kg	☼	103	75 - 125
Vanadium	10	F1	10.6	17.7	F1	mg/Kg	☼	69	75 - 125
Zinc	17	F1	10.6	24.6	F1	mg/Kg	☼	67	75 - 125

Lab Sample ID: 680-115570-16 MSD
Matrix: Solid
Analysis Batch: 396166

Client Sample ID: SJMH-081015-10
Prep Type: Total/NA
Prep Batch: 396032
%Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Silver	0.015	J	5.60	5.65		mg/Kg	☼	101	75 - 125	7	20
Arsenic	2.0		11.2	12.6		mg/Kg	☼	94	75 - 125	7	20
Barium	240		11.2	196	4	mg/Kg	☼	-417	75 - 125	5	20
Beryllium	0.27		5.60	6.37		mg/Kg	☼	109	75 - 125	8	20
Cadmium	0.062		5.60	6.12		mg/Kg	☼	108	75 - 125	8	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115570-16 MSD

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMH-081015-10

Prep Type: Total/NA

Prep Batch: 396032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	2.4		5.60	7.61		mg/Kg	☼	94	75 - 125	6	20
Chromium	4.0		11.2	14.8		mg/Kg	☼	96	75 - 125	8	20
Copper	4.2	B	11.2	14.6		mg/Kg	☼	93	75 - 125	8	20
Manganese	180	F1	56.0	205	F1	mg/Kg	☼	36	75 - 125	4	20
Molybdenum	0.26	J	11.2	11.3		mg/Kg	☼	98	75 - 125	6	20
Nickel	3.8		11.2	14.7		mg/Kg	☼	97	75 - 125	8	20
Lead	5.1		56.0	61.2		mg/Kg	☼	100	75 - 125	6	20
Antimony	0.11	U F1	5.60	3.89	F1	mg/Kg	☼	69	75 - 125	1	20
Selenium	0.13	J	11.2	11.5		mg/Kg	☼	101	75 - 125	8	20
Thallium	0.10	J	4.48	4.90		mg/Kg	☼	107	75 - 125	9	20
Vanadium	10	F1	11.2	19.3		mg/Kg	☼	80	75 - 125	9	20
Zinc	17	F1	11.2	25.5	F1	mg/Kg	☼	72	75 - 125	4	20

Lab Sample ID: 680-115570-16 DU

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMH-081015-10

Prep Type: Total/NA

Prep Batch: 396032

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	0.015	J	0.0152	J	mg/Kg	☼	4	20
Arsenic	2.0		1.63	F3	mg/Kg	☼	23	20
Barium	240		210		mg/Kg	☼	15	20
Beryllium	0.27		0.209	F3	mg/Kg	☼	25	20
Cadmium	0.062		0.0565		mg/Kg	☼	10	20
Cobalt	2.4		1.78	F3	mg/Kg	☼	28	20
Chromium	4.0		3.28	F5	mg/Kg	☼	21	20
Copper	4.2	B	3.15	F3	mg/Kg	☼	28	20
Manganese	180	F1	152		mg/Kg	☼	20	20
Molybdenum	0.26	J	0.206	J F5	mg/Kg	☼	24	20
Nickel	3.8		3.31		mg/Kg	☼	14	20
Lead	5.1		3.89	F3	mg/Kg	☼	26	20
Antimony	0.11	U F1	0.145	J	mg/Kg	☼	NC	20
Selenium	0.13	J	0.11	U	mg/Kg	☼	NC	20
Thallium	0.10	J	0.056	U	mg/Kg	☼	NC	20
Vanadium	10	F1	8.26	F3	mg/Kg	☼	23	20
Zinc	17	F1	13.7	F3	mg/Kg	☼	24	20

Lab Sample ID: MB 680-396033/1-A

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0097	U	0.097	0.0097	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Arsenic	0.097	U	0.29	0.097	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Barium	0.058	U	0.49	0.058	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Beryllium	0.015	U	0.049	0.015	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Cadmium	0.015	U	0.049	0.015	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Cobalt	0.0097	U	0.049	0.0097	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Chromium	0.11	U	0.97	0.11	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Copper	0.172	J	0.49	0.13	mg/Kg		08/13/15 16:06	08/13/15 22:45	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-396033/1-A

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.12	U	0.97	0.12	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Molybdenum	0.078	U	0.97	0.078	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Nickel	0.25	U	0.97	0.25	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Lead	0.049	U	0.19	0.049	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Antimony	0.097	U	0.97	0.097	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Selenium	0.097	U	0.49	0.097	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Thallium	0.049	U	0.097	0.049	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Vanadium	0.26	U	0.49	0.26	mg/Kg		08/13/15 16:06	08/13/15 22:45	1
Zinc	0.97	U	1.9	0.97	mg/Kg		08/13/15 16:06	08/13/15 22:45	1

Lab Sample ID: LCS 680-396033/2-A

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	4.50	4.78		mg/Kg		106	75 - 125
Arsenic	9.01	9.06		mg/Kg		101	75 - 125
Barium	9.01	9.58		mg/Kg		106	75 - 125
Beryllium	4.50	4.70		mg/Kg		104	75 - 125
Cadmium	4.50	4.88		mg/Kg		108	75 - 125
Cobalt	4.50	4.68		mg/Kg		104	75 - 125
Chromium	9.01	9.23		mg/Kg		102	75 - 125
Copper	9.01	9.69		mg/Kg		108	75 - 125
Manganese	45.0	45.8		mg/Kg		102	75 - 125
Molybdenum	9.01	9.36		mg/Kg		104	75 - 125
Nickel	9.01	9.70		mg/Kg		108	75 - 125
Lead	45.0	46.4		mg/Kg		103	75 - 125
Antimony	4.50	4.53		mg/Kg		101	75 - 125
Selenium	9.01	9.09		mg/Kg		101	75 - 125
Thallium	3.60	3.76		mg/Kg		104	75 - 125
Vanadium	9.01	9.17		mg/Kg		102	75 - 125
Zinc	9.01	9.37		mg/Kg		104	75 - 125

Lab Sample ID: 680-115570-5 MS

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.022	J	5.47	5.59		mg/Kg	☼	102	75 - 125
Arsenic	2.8		10.9	11.8		mg/Kg	☼	83	75 - 125
Barium	200		10.9	197	4	mg/Kg	☼	12	75 - 125
Beryllium	0.36		5.47	5.97		mg/Kg	☼	103	75 - 125
Cadmium	0.069		5.47	5.62		mg/Kg	☼	102	75 - 125
Cobalt	3.3		5.47	8.21		mg/Kg	☼	89	75 - 125
Chromium	4.5		10.9	13.7		mg/Kg	☼	84	75 - 125
Copper	6.0	B	10.9	15.5		mg/Kg	☼	87	75 - 125
Manganese	230		54.7	267	4	mg/Kg	☼	73	75 - 125
Molybdenum	0.40	J	10.9	10.5		mg/Kg	☼	92	75 - 125
Nickel	4.9		10.9	14.5		mg/Kg	☼	88	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115570-5 MS

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lead	6.7		54.7	58.1		mg/Kg	☼	94	75 - 125
Antimony	0.11	U F1	5.47	3.38	F1	mg/Kg	☼	62	75 - 125
Selenium	0.16	J	10.9	9.58		mg/Kg	☼	86	75 - 125
Thallium	0.12		4.37	4.49		mg/Kg	☼	100	75 - 125
Vanadium	12	F1	10.9	19.9	F1	mg/Kg	☼	74	75 - 125
Zinc	26	F1	10.9	35.1		mg/Kg	☼	83	75 - 125

Lab Sample ID: 680-115570-5 MSD

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Silver	0.022	J	5.42	5.52		mg/Kg	☼	102	75 - 125	1	20
Arsenic	2.8		10.8	12.2		mg/Kg	☼	87	75 - 125	4	20
Barium	200		10.8	200	4	mg/Kg	☼	42	75 - 125	2	20
Beryllium	0.36		5.42	5.86		mg/Kg	☼	102	75 - 125	2	20
Cadmium	0.069		5.42	5.52		mg/Kg	☼	101	75 - 125	2	20
Cobalt	3.3		5.42	8.19		mg/Kg	☼	89	75 - 125	0	20
Chromium	4.5		10.8	14.1		mg/Kg	☼	88	75 - 125	3	20
Copper	6.0	B	10.8	16.0		mg/Kg	☼	92	75 - 125	3	20
Manganese	230		54.2	277	4	mg/Kg	☼	94	75 - 125	4	20
Molybdenum	0.40	J	10.8	10.2		mg/Kg	☼	91	75 - 125	2	20
Nickel	4.9		10.8	14.7		mg/Kg	☼	91	75 - 125	1	20
Lead	6.7		54.2	56.6		mg/Kg	☼	92	75 - 125	2	20
Antimony	0.11	U F1	5.42	3.42	F1	mg/Kg	☼	63	75 - 125	1	20
Selenium	0.16	J	10.8	9.90		mg/Kg	☼	90	75 - 125	3	20
Thallium	0.12		4.34	4.46		mg/Kg	☼	100	75 - 125	1	20
Vanadium	12	F1	10.8	20.6		mg/Kg	☼	82	75 - 125	4	20
Zinc	26	F1	10.8	33.8	F1	mg/Kg	☼	72	75 - 125	4	20

Lab Sample ID: 680-115570-5 DU

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	0.022	J	0.0242	J	mg/Kg	☼	12	20
Arsenic	2.8		2.58		mg/Kg	☼	7	20
Barium	200		191		mg/Kg	☼	2	20
Beryllium	0.36		0.331		mg/Kg	☼	8	20
Cadmium	0.069		0.0776		mg/Kg	☼	12	20
Cobalt	3.3		3.16		mg/Kg	☼	6	20
Chromium	4.5		4.09		mg/Kg	☼	9	20
Copper	6.0	B	5.66		mg/Kg	☼	6	20
Manganese	230		216		mg/Kg	☼	5	20
Molybdenum	0.40	J	0.387	J	mg/Kg	☼	2	20
Nickel	4.9		4.40		mg/Kg	☼	10	20
Lead	6.7		6.22		mg/Kg	☼	7	20
Antimony	0.11	U F1	0.211	J	mg/Kg	☼	NC	20
Selenium	0.16	J	0.145	J	mg/Kg	☼	11	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115570-5 DU

Matrix: Solid

Analysis Batch: 396166

Client Sample ID: SJMC-081115-10

Prep Type: Total/NA

Prep Batch: 396033

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Thallium	0.12		0.0820	J F5	mg/Kg	☼	36	20
Vanadium	12	F1	11.0		mg/Kg	☼	7	20
Zinc	26	F1	24.3		mg/Kg	☼	7	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 680-396024/1-A

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396024

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.020	0.0080	mg/Kg		08/13/15 15:50	08/13/15 17:38	1

Lab Sample ID: LCS 680-396024/2-A

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 396024

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.245	0.250		mg/Kg		102	80 - 120

Lab Sample ID: 680-115570-1 MS

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: SJ4C-081115-10

Prep Type: Total/NA

Prep Batch: 396024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.0092	U	0.115	0.134		mg/Kg	☼	117	80 - 120

Lab Sample ID: 680-115570-1 MSD

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: SJ4C-081115-10

Prep Type: Total/NA

Prep Batch: 396024

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.0092	U	0.115	0.137		mg/Kg	☼	119	80 - 120	2	20

Lab Sample ID: 680-115570-1 DU

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: SJ4C-081115-10

Prep Type: Total/NA

Prep Batch: 396024

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.0092	U	0.0092	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 680-396034/1-A

Matrix: Solid

Analysis Batch: 396091

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 396034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.020	0.0080	mg/Kg		08/13/15 16:09	08/13/15 20:22	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-396034/2-A
Matrix: Solid
Analysis Batch: 396091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 396034
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.236	0.231		mg/Kg		98	80 - 120

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Metals

Prep Batch: 395967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-13	SJ4C-081015-10	Total/NA	Solid	3050B	
680-115570-14	SJBB-081015-10	Total/NA	Solid	3050B	
680-115570-15	SJDS-081015-10	Total/NA	Solid	3050B	
680-115570-16	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 DU	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 MS	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 MSD	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-17	SJMC-081015-10	Total/NA	Solid	3050B	
680-115570-18	SJME-081015-10	Total/NA	Solid	3050B	
680-115570-19	SJSR-081015-10	Total/NA	Solid	3050B	
680-115570-20	SJHB-081015-10	Total/NA	Solid	3050B	
680-115570-21	MECT-081015-10	Total/NA	Solid	3050B	
680-115570-22	SJLP-081015-10	Total/NA	Solid	3050B	
680-115570-23	SJFP-081015-10	Total/NA	Solid	3050B	
680-115570-24	SJHB-081015-10	Total/NA	Solid	3050B	
LCS 680-395967/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-395967/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 395977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	3050B	
680-115570-2	SJBB-081115-10	Total/NA	Solid	3050B	
680-115570-3	SJDS-081115-10	Total/NA	Solid	3050B	
680-115570-4	SJMH-081115-10	Total/NA	Solid	3050B	
680-115570-5	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 DU	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 MS	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 MSD	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-6	SJME-081115-10	Total/NA	Solid	3050B	
680-115570-7	SJSR-081115-10	Total/NA	Solid	3050B	
680-115570-8	SJHB-081115-10	Total/NA	Solid	3050B	
680-115570-9	MECT-081115-10	Total/NA	Solid	3050B	
680-115570-10	SJLP-81115-10	Total/NA	Solid	3050B	
680-115570-11	SJFP-81115-10	Total/NA	Solid	3050B	
680-115570-12	SJME-081115-09	Total/NA	Solid	3050B	
LCS 680-395977/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-395977/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 396024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	7471B	
680-115570-1 DU	SJ4C-081115-10	Total/NA	Solid	7471B	
680-115570-1 MS	SJ4C-081115-10	Total/NA	Solid	7471B	
680-115570-1 MSD	SJ4C-081115-10	Total/NA	Solid	7471B	
680-115570-2	SJBB-081115-10	Total/NA	Solid	7471B	
680-115570-3	SJDS-081115-10	Total/NA	Solid	7471B	
680-115570-4	SJMH-081115-10	Total/NA	Solid	7471B	
680-115570-5	SJMC-081115-10	Total/NA	Solid	7471B	
680-115570-6	SJME-081115-10	Total/NA	Solid	7471B	
680-115570-7	SJSR-081115-10	Total/NA	Solid	7471B	
680-115570-8	SJHB-081115-10	Total/NA	Solid	7471B	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Metals (Continued)

Prep Batch: 396024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-9	MECT-081115-10	Total/NA	Solid	7471B	
680-115570-10	SJLP-81115-10	Total/NA	Solid	7471B	
680-115570-11	SJFP-81115-10	Total/NA	Solid	7471B	
680-115570-12	SJME-081115-09	Total/NA	Solid	7471B	
680-115570-13	SJ4C-081015-10	Total/NA	Solid	7471B	
680-115570-14	SJBB-081015-10	Total/NA	Solid	7471B	
680-115570-15	SJDS-081015-10	Total/NA	Solid	7471B	
680-115570-17	SJMC-081015-10	Total/NA	Solid	7471B	
680-115570-19	SJSR-081015-10	Total/NA	Solid	7471B	
680-115570-20	SJHB-081015-10	Total/NA	Solid	7471B	
680-115570-21	MECT-081015-10	Total/NA	Solid	7471B	
680-115570-22	SJLP-081015-10	Total/NA	Solid	7471B	
LCS 680-396024/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 680-396024/1-A	Method Blank	Total/NA	Solid	7471B	

Prep Batch: 396032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-13	SJ4C-081015-10	Total/NA	Solid	3050B	
680-115570-14	SJBB-081015-10	Total/NA	Solid	3050B	
680-115570-15	SJDS-081015-10	Total/NA	Solid	3050B	
680-115570-16	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 DU	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 MS	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-16 MSD	SJMH-081015-10	Total/NA	Solid	3050B	
680-115570-17	SJMC-081015-10	Total/NA	Solid	3050B	
680-115570-18	SJME-081015-10	Total/NA	Solid	3050B	
680-115570-19	SJSR-081015-10	Total/NA	Solid	3050B	
680-115570-20	SJHB-081015-10	Total/NA	Solid	3050B	
680-115570-21	MECT-081015-10	Total/NA	Solid	3050B	
680-115570-22	SJLP-081015-10	Total/NA	Solid	3050B	
680-115570-23	SJFP-081015-10	Total/NA	Solid	3050B	
680-115570-24	SJHB-081015-10	Total/NA	Solid	3050B	
LCS 680-396032/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-396032/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 396033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	3050B	
680-115570-2	SJBB-081115-10	Total/NA	Solid	3050B	
680-115570-3	SJDS-081115-10	Total/NA	Solid	3050B	
680-115570-4	SJMH-081115-10	Total/NA	Solid	3050B	
680-115570-5	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 DU	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 MS	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-5 MSD	SJMC-081115-10	Total/NA	Solid	3050B	
680-115570-6	SJME-081115-10	Total/NA	Solid	3050B	
680-115570-7	SJSR-081115-10	Total/NA	Solid	3050B	
680-115570-8	SJHB-081115-10	Total/NA	Solid	3050B	
680-115570-9	MECT-081115-10	Total/NA	Solid	3050B	
680-115570-10	SJLP-81115-10	Total/NA	Solid	3050B	
680-115570-11	SJFP-81115-10	Total/NA	Solid	3050B	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Metals (Continued)

Prep Batch: 396033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-12	SJME-081115-09	Total/NA	Solid	3050B	
LCS 680-396033/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-396033/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 396034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-16	SJMH-081015-10	Total/NA	Solid	7471B	
680-115570-18	SJME-081015-10	Total/NA	Solid	7471B	
680-115570-23	SJFP-081015-10	Total/NA	Solid	7471B	
680-115570-24	SJHB-081015-10	Total/NA	Solid	7471B	
LCS 680-396034/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 680-396034/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 396091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	7471B	396024
680-115570-1 DU	SJ4C-081115-10	Total/NA	Solid	7471B	396024
680-115570-1 MS	SJ4C-081115-10	Total/NA	Solid	7471B	396024
680-115570-1 MSD	SJ4C-081115-10	Total/NA	Solid	7471B	396024
680-115570-2	SJBB-081115-10	Total/NA	Solid	7471B	396024
680-115570-3	SJDS-081115-10	Total/NA	Solid	7471B	396024
680-115570-4	SJMH-081115-10	Total/NA	Solid	7471B	396024
680-115570-5	SJMC-081115-10	Total/NA	Solid	7471B	396024
680-115570-6	SJME-081115-10	Total/NA	Solid	7471B	396024
680-115570-7	SJSR-081115-10	Total/NA	Solid	7471B	396024
680-115570-8	SJHB-081115-10	Total/NA	Solid	7471B	396024
680-115570-9	MECT-081115-10	Total/NA	Solid	7471B	396024
680-115570-10	SJLP-81115-10	Total/NA	Solid	7471B	396024
680-115570-11	SJFP-81115-10	Total/NA	Solid	7471B	396024
680-115570-12	SJME-081115-09	Total/NA	Solid	7471B	396024
680-115570-13	SJ4C-081015-10	Total/NA	Solid	7471B	396024
680-115570-14	SJBB-081015-10	Total/NA	Solid	7471B	396024
680-115570-15	SJDS-081015-10	Total/NA	Solid	7471B	396024
680-115570-16	SJMH-081015-10	Total/NA	Solid	7471B	396034
680-115570-17	SJMC-081015-10	Total/NA	Solid	7471B	396024
680-115570-18	SJME-081015-10	Total/NA	Solid	7471B	396034
680-115570-19	SJSR-081015-10	Total/NA	Solid	7471B	396024
680-115570-20	SJHB-081015-10	Total/NA	Solid	7471B	396024
680-115570-21	MECT-081015-10	Total/NA	Solid	7471B	396024
680-115570-22	SJLP-081015-10	Total/NA	Solid	7471B	396024
680-115570-23	SJFP-081015-10	Total/NA	Solid	7471B	396034
680-115570-24	SJHB-081015-10	Total/NA	Solid	7471B	396034
LCS 680-396024/2-A	Lab Control Sample	Total/NA	Solid	7471B	396024
LCS 680-396034/2-A	Lab Control Sample	Total/NA	Solid	7471B	396034
MB 680-396024/1-A	Method Blank	Total/NA	Solid	7471B	396024
MB 680-396034/1-A	Method Blank	Total/NA	Solid	7471B	396034

Analysis Batch: 396092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	6010C	395977
680-115570-2	SJBB-081115-10	Total/NA	Solid	6010C	395977

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Metals (Continued)

Analysis Batch: 396092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-3	SJDS-081115-10	Total/NA	Solid	6010C	395977
680-115570-4	SJMH-081115-10	Total/NA	Solid	6010C	395977
680-115570-5	SJMC-081115-10	Total/NA	Solid	6010C	395977
680-115570-5 DU	SJMC-081115-10	Total/NA	Solid	6010C	395977
680-115570-5 MS	SJMC-081115-10	Total/NA	Solid	6010C	395977
680-115570-5 MSD	SJMC-081115-10	Total/NA	Solid	6010C	395977
680-115570-6	SJME-081115-10	Total/NA	Solid	6010C	395977
680-115570-7	SJSR-081115-10	Total/NA	Solid	6010C	395977
680-115570-8	SJHB-081115-10	Total/NA	Solid	6010C	395977
680-115570-9	MECT-081115-10	Total/NA	Solid	6010C	395977
680-115570-10	SJLP-81115-10	Total/NA	Solid	6010C	395977
680-115570-11	SJFP-81115-10	Total/NA	Solid	6010C	395977
680-115570-12	SJME-081115-09	Total/NA	Solid	6010C	395977
680-115570-13	SJ4C-081015-10	Total/NA	Solid	6010C	395967
680-115570-14	SJBB-081015-10	Total/NA	Solid	6010C	395967
680-115570-15	SJDS-081015-10	Total/NA	Solid	6010C	395967
680-115570-16	SJMH-081015-10	Total/NA	Solid	6010C	395967
680-115570-16 DU	SJMH-081015-10	Total/NA	Solid	6010C	395967
680-115570-16 MS	SJMH-081015-10	Total/NA	Solid	6010C	395967
680-115570-16 MSD	SJMH-081015-10	Total/NA	Solid	6010C	395967
680-115570-17	SJMC-081015-10	Total/NA	Solid	6010C	395967
680-115570-18	SJME-081015-10	Total/NA	Solid	6010C	395967
680-115570-19	SJSR-081015-10	Total/NA	Solid	6010C	395967
680-115570-20	SJHB-081015-10	Total/NA	Solid	6010C	395967
680-115570-21	MECT-081015-10	Total/NA	Solid	6010C	395967
680-115570-22	SJLP-081015-10	Total/NA	Solid	6010C	395967
680-115570-23	SJFP-081015-10	Total/NA	Solid	6010C	395967
680-115570-24	SJHB-081015-10	Total/NA	Solid	6010C	395967
LCS 680-395967/2-A	Lab Control Sample	Total/NA	Solid	6010C	395967
LCS 680-395977/2-A	Lab Control Sample	Total/NA	Solid	6010C	395977
MB 680-395967/1-A	Method Blank	Total/NA	Solid	6010C	395967
MB 680-395977/1-A	Method Blank	Total/NA	Solid	6010C	395977

Analysis Batch: 396166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	6020A	396033
680-115570-2	SJBB-081115-10	Total/NA	Solid	6020A	396033
680-115570-3	SJDS-081115-10	Total/NA	Solid	6020A	396033
680-115570-4	SJMH-081115-10	Total/NA	Solid	6020A	396033
680-115570-5	SJMC-081115-10	Total/NA	Solid	6020A	396033
680-115570-5 DU	SJMC-081115-10	Total/NA	Solid	6020A	396033
680-115570-5 MS	SJMC-081115-10	Total/NA	Solid	6020A	396033
680-115570-5 MSD	SJMC-081115-10	Total/NA	Solid	6020A	396033
680-115570-6	SJME-081115-10	Total/NA	Solid	6020A	396033
680-115570-7	SJSR-081115-10	Total/NA	Solid	6020A	396033
680-115570-8	SJHB-081115-10	Total/NA	Solid	6020A	396033
680-115570-9	MECT-081115-10	Total/NA	Solid	6020A	396033
680-115570-10	SJLP-81115-10	Total/NA	Solid	6020A	396033
680-115570-11	SJFP-81115-10	Total/NA	Solid	6020A	396033
680-115570-12	SJME-081115-09	Total/NA	Solid	6020A	396033
680-115570-13	SJ4C-081015-10	Total/NA	Solid	6020A	396032

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Metals (Continued)

Analysis Batch: 396166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-14	SJBB-081015-10	Total/NA	Solid	6020A	396032
680-115570-15	SJDS-081015-10	Total/NA	Solid	6020A	396032
680-115570-16	SJMH-081015-10	Total/NA	Solid	6020A	396032
680-115570-16 DU	SJMH-081015-10	Total/NA	Solid	6020A	396032
680-115570-16 MS	SJMH-081015-10	Total/NA	Solid	6020A	396032
680-115570-16 MSD	SJMH-081015-10	Total/NA	Solid	6020A	396032
680-115570-17	SJMC-081015-10	Total/NA	Solid	6020A	396032
680-115570-18	SJME-081015-10	Total/NA	Solid	6020A	396032
680-115570-19	SJSR-081015-10	Total/NA	Solid	6020A	396032
680-115570-20	SJHB-081015-10	Total/NA	Solid	6020A	396032
680-115570-21	MECT-081015-10	Total/NA	Solid	6020A	396032
680-115570-22	SJLP-081015-10	Total/NA	Solid	6020A	396032
680-115570-23	SJFP-081015-10	Total/NA	Solid	6020A	396032
680-115570-24	SJHB-081015-10	Total/NA	Solid	6020A	396032
LCS 680-396032/2-A	Lab Control Sample	Total/NA	Solid	6020A	396032
LCS 680-396033/2-A	Lab Control Sample	Total/NA	Solid	6020A	396033
MB 680-396032/1-A	Method Blank	Total/NA	Solid	6020A	396032
MB 680-396033/1-A	Method Blank	Total/NA	Solid	6020A	396033

General Chemistry

Analysis Batch: 396012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115570-1	SJ4C-081115-10	Total/NA	Solid	Moisture	
680-115570-2	SJBB-081115-10	Total/NA	Solid	Moisture	
680-115570-3	SJDS-081115-10	Total/NA	Solid	Moisture	
680-115570-4	SJMH-081115-10	Total/NA	Solid	Moisture	
680-115570-5	SJMC-081115-10	Total/NA	Solid	Moisture	
680-115570-6	SJME-081115-10	Total/NA	Solid	Moisture	
680-115570-7	SJSR-081115-10	Total/NA	Solid	Moisture	
680-115570-8	SJHB-081115-10	Total/NA	Solid	Moisture	
680-115570-9	MECT-081115-10	Total/NA	Solid	Moisture	
680-115570-10	SJLP-81115-10	Total/NA	Solid	Moisture	
680-115570-11	SJFP-81115-10	Total/NA	Solid	Moisture	
680-115570-12	SJME-081115-09	Total/NA	Solid	Moisture	
680-115570-13	SJ4C-081015-10	Total/NA	Solid	Moisture	
680-115570-14	SJBB-081015-10	Total/NA	Solid	Moisture	
680-115570-15	SJDS-081015-10	Total/NA	Solid	Moisture	
680-115570-16	SJMH-081015-10	Total/NA	Solid	Moisture	
680-115570-17	SJMC-081015-10	Total/NA	Solid	Moisture	
680-115570-18	SJME-081015-10	Total/NA	Solid	Moisture	
680-115570-19	SJSR-081015-10	Total/NA	Solid	Moisture	
680-115570-20	SJHB-081015-10	Total/NA	Solid	Moisture	
680-115570-21	MECT-081015-10	Total/NA	Solid	Moisture	
680-115570-22	SJLP-081015-10	Total/NA	Solid	Moisture	
680-115570-23	SJFP-081015-10	Total/NA	Solid	Moisture	
680-115570-24	SJHB-081015-10	Total/NA	Solid	Moisture	

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJ4C-081115-10

Date Collected: 08/11/15 09:52

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJ4C-081115-10

Date Collected: 08/11/15 09:52

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-1

Matrix: Solid

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.07 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.07 g	100 mL	396092	08/13/15 19:27	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.07 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.07 g	500 mL	396166	08/14/15 10:08	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 17:44	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJBB-081115-10

Date Collected: 08/11/15 11:40

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJBB-081115-10

Date Collected: 08/11/15 11:40

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-2

Matrix: Solid

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.13 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.13 g	100 mL	396092	08/13/15 19:42	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.13 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.13 g	500 mL	396166	08/14/15 10:23	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.59 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.59 g	50 mL	396091	08/13/15 18:09	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJDS-081115-10

Lab Sample ID: 680-115570-3

Date Collected: 08/11/15 11:40

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJDS-081115-10

Lab Sample ID: 680-115570-3

Date Collected: 08/11/15 11:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 73.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.09 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.09 g	100 mL	396092	08/13/15 19:11	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.09 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.09 g	500 mL	396166	08/14/15 09:40	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.57 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.57 g	50 mL	396091	08/13/15 18:18	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJMH-081115-10

Lab Sample ID: 680-115570-4

Date Collected: 08/11/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJMH-081115-10

Lab Sample ID: 680-115570-4

Date Collected: 08/11/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.13 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.13 g	100 mL	396092	08/13/15 19:19	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.13 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.13 g	500 mL	396166	08/14/15 09:54	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 18:12	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMC-081115-10

Lab Sample ID: 680-115570-5

Date Collected: 08/11/15 12:20

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJMC-081115-10

Lab Sample ID: 680-115570-5

Date Collected: 08/11/15 12:20

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.19 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.19 g	100 mL	396092	08/13/15 18:24	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.19 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.19 g	500 mL	396166	08/13/15 22:59	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 19:48	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJME-081115-10

Lab Sample ID: 680-115570-6

Date Collected: 08/11/15 13:30

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJME-081115-10

Lab Sample ID: 680-115570-6

Date Collected: 08/11/15 13:30

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.11 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.11 g	100 mL	396092	08/13/15 19:03	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.11 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.11 g	500 mL	396166	08/14/15 09:26	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.52 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.52 g	50 mL	396091	08/13/15 19:45	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJSR-081115-10

Lab Sample ID: 680-115570-7

Date Collected: 08/11/15 12:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJSR-081115-10

Lab Sample ID: 680-115570-7

Date Collected: 08/11/15 12:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.13 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.13 g	100 mL	396092	08/13/15 19:23	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.13 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.13 g	500 mL	396166	08/14/15 10:01	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.52 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.52 g	50 mL	396091	08/13/15 18:03	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJHB-081115-10

Lab Sample ID: 680-115570-8

Date Collected: 08/11/15 13:05

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJHB-081115-10

Lab Sample ID: 680-115570-8

Date Collected: 08/11/15 13:05

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.04 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.04 g	100 mL	396092	08/13/15 19:38	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.04 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.04 g	500 mL	396166	08/14/15 10:15	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 18:06	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: MECT-081115-10

Lab Sample ID: 680-115570-9

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: MECT-081115-10

Lab Sample ID: 680-115570-9

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.12 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.12 g	100 mL	396092	08/13/15 19:07	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.12 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.12 g	500 mL	396166	08/14/15 09:33	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.56 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.56 g	50 mL	396091	08/13/15 18:15	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJLP-81115-10

Lab Sample ID: 680-115570-10

Date Collected: 08/11/15 14:25

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJLP-81115-10

Lab Sample ID: 680-115570-10

Date Collected: 08/11/15 14:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.16 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.16 g	100 mL	396092	08/13/15 19:15	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.16 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.16 g	500 mL	396166	08/14/15 09:47	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.53 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.53 g	50 mL	396091	08/13/15 18:21	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJFP-81115-10

Lab Sample ID: 680-115570-11

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJFP-81115-10

Lab Sample ID: 680-115570-11

Date Collected: 08/11/15 13:45

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 75.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.13 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.13 g	100 mL	396092	08/13/15 18:55	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.13 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.13 g	500 mL	396166	08/13/15 23:42	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.57 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.57 g	50 mL	396091	08/13/15 18:51	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJME-081115-09

Lab Sample ID: 680-115570-12

Date Collected: 08/11/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJME-081115-09

Lab Sample ID: 680-115570-12

Date Collected: 08/11/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.17 g	100 mL	395977	08/13/15 13:42	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.17 g	100 mL	396092	08/13/15 18:59	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.17 g	500 mL	396033	08/13/15 16:06	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.17 g	500 mL	396166	08/13/15 23:49	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.53 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.53 g	50 mL	396091	08/13/15 18:24	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJ4C-081015-10

Lab Sample ID: 680-115570-13

Date Collected: 08/10/15 15:05

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJ4C-081015-10

Lab Sample ID: 680-115570-13

Date Collected: 08/10/15 15:05

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.04 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.04 g	100 mL	396092	08/13/15 17:49	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.04 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.04 g	500 mL	396166	08/13/15 21:34	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.51 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.51 g	50 mL	396091	08/13/15 19:51	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJBB-081015-10

Lab Sample ID: 680-115570-14

Date Collected: 08/10/15 12:40

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJBB-081015-10

Lab Sample ID: 680-115570-14

Date Collected: 08/10/15 12:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.10 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.10 g	100 mL	396092	08/13/15 17:41	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.10 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.10 g	500 mL	396166	08/13/15 21:20	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.53 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.53 g	50 mL	396091	08/13/15 19:54	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJDS-081015-10

Lab Sample ID: 680-115570-15

Date Collected: 08/10/15 13:25

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJDS-081015-10

Lab Sample ID: 680-115570-15

Date Collected: 08/10/15 13:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 68.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.04 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.04 g	100 mL	396092	08/13/15 17:45	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.04 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.04 g	500 mL	396166	08/13/15 21:27	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 19:57	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJMH-081015-10

Lab Sample ID: 680-115570-16

Date Collected: 08/10/15 11:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJMH-081015-10

Lab Sample ID: 680-115570-16

Date Collected: 08/10/15 11:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.14 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.14 g	100 mL	396092	08/13/15 16:52	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.14 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.14 g	500 mL	396166	08/13/15 19:47	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.58 g	50 mL	396034	08/13/15 16:09	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.58 g	50 mL	396091	08/13/15 21:17	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJMC-081015-10

Lab Sample ID: 680-115570-17

Date Collected: 08/10/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJMC-081015-10

Lab Sample ID: 680-115570-17

Date Collected: 08/10/15 13:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.11 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.11 g	100 mL	396092	08/13/15 18:12	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.11 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.11 g	500 mL	396166	08/13/15 22:02	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.53 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.53 g	50 mL	396091	08/13/15 20:09	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJME-081015-10

Lab Sample ID: 680-115570-18

Date Collected: 08/10/15 14:40

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJME-081015-10

Lab Sample ID: 680-115570-18

Date Collected: 08/10/15 14:40

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.12 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.12 g	100 mL	396092	08/13/15 18:05	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.12 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.12 g	500 mL	396166	08/13/15 21:48	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.59 g	50 mL	396034	08/13/15 16:09	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.59 g	50 mL	396091	08/13/15 21:23	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJSR-081015-10

Lab Sample ID: 680-115570-19

Date Collected: 08/10/15 12:10

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJSR-081015-10

Lab Sample ID: 680-115570-19

Date Collected: 08/10/15 12:10

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.18 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.18 g	100 mL	396092	08/13/15 18:09	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.18 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.18 g	500 mL	396166	08/13/15 21:55	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.54 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.54 g	50 mL	396091	08/13/15 20:06	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-20

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-20

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.10 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.10 g	100 mL	396092	08/13/15 17:37	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.10 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.10 g	500 mL	396166	08/13/15 21:13	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.58 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.58 g	50 mL	396091	08/13/15 20:00	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: MECT-081015-10

Date Collected: 08/10/15 14:15

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: MECT-081015-10

Date Collected: 08/10/15 14:15

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-21

Matrix: Solid

Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.08 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.08 g	100 mL	396092	08/13/15 17:34	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.08 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.08 g	500 mL	396166	08/13/15 21:06	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.56 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.56 g	50 mL	396091	08/13/15 20:12	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJLP-081015-10

Date Collected: 08/10/15 09:40

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJLP-081015-10

Date Collected: 08/10/15 09:40

Date Received: 08/13/15 09:23

Lab Sample ID: 680-115570-22

Matrix: Solid

Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.08 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.08 g	100 mL	396092	08/13/15 17:26	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.08 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.08 g	500 mL	396166	08/13/15 20:29	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396024	08/13/15 15:50	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 20:03	BCB	TAL SAV
Instrument ID: LEEMAN2										

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Client Sample ID: SJFP-081015-10

Lab Sample ID: 680-115570-23

Date Collected: 08/10/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJFP-081015-10

Lab Sample ID: 680-115570-23

Date Collected: 08/10/15 10:35

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.18 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.18 g	100 mL	396092	08/13/15 17:30	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.18 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.18 g	500 mL	396166	08/13/15 20:36	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.59 g	50 mL	396034	08/13/15 16:09	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.59 g	50 mL	396091	08/13/15 21:27	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-24

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			396012	08/13/15 18:56	FES	TAL SAV
Instrument ID: NOEQUIP										

Client Sample ID: SJHB-081015-10

Lab Sample ID: 680-115570-24

Date Collected: 08/10/15 11:25

Matrix: Solid

Date Received: 08/13/15 09:23

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.19 g	100 mL	395967	08/13/15 13:06	CDD	TAL SAV
Total/NA	Analysis	6010C		1	1.19 g	100 mL	396092	08/13/15 17:53	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	3050B			1.19 g	500 mL	396032	08/13/15 15:56	CDD	TAL SAV
Total/NA	Analysis	6020A		1	1.19 g	500 mL	396166	08/13/15 21:41	CME	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	7471B			0.55 g	50 mL	396034	08/13/15 16:09	CRW	TAL SAV
Total/NA	Analysis	7471B		1	0.55 g	50 mL	396091	08/13/15 21:20	BCB	TAL SAV
Instrument ID: LEEMAN2										

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404-6019

phone 912.354.7858 fax 912.352.0165

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Jonathan Colomb		Site Contact: Jonathan Colomb		Date: 8/12/15		COC No.		
Weston Solutions, Inc.		Tel/Fax: 773-947-4064		Lab Contact: Sheila Hoffman		Carrier: Fed Ex		1 of 1 COCs		
70 N.E. Loop 410; Suite 600		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) Total Metals; Including HG*				Sampler:		
San Antonio, TX 78216-5842		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:		
(703) 724-0544 Phone		TAT if different from Below						Walk-in Client:		
(xxx) xxx-xxxx FAX		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input checked="" type="checkbox"/> 1 day						Lab Sampling:		
Project Name: Gold King Mine - Region 9								Job / SDG No.:		
Site: Region 9										
P O # 20409.016.002.0010.08										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:			
SJ4C-081015-10		8/10/15	1505	G	SD	1	N	N	X	
SJBB-081015-10		8/10/15	1240	G	SD	1	N	N	X	
SJDS-081015-10		8/10/15	1325	G	SD	1	N	N	X	
SJMHI-081015-10		8/10/15	1135	G	SD	1	N	N	X	
SJMC-081015-10		8/10/15	1335	G	SD	1	N	N	X	
SJME-081015-10		8/10/15	1440	G	SD	1	N	N	X	
SJSR-081015-10		8/10/15	1210	G	SD	1	N	N	X	
SJHB-081015-10		8/10/15	1125	G	SD	1	N	N	X	
MECT-081015-10		8/10/15	1415	G	SD	1	N	N	X	
SJLP-081015-10		8/10/15	0940	G	SD	1	N	N	X	
SJFP-081015-10		8/10/15	1035	G	SD	1	N	N	X	
SJHB-081015-10		8/10/15	1125	G	SD	1	N	N	X	
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: * (200.7: Al, Ca, Fe, K, Mg, Na) (200.8: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Ag, Se, Ti, V, ZN) (245.1 Hg)										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:		
Relinquished by: Jonathan Colomb		Company: Weston Solutions		Date/Time: 8/12/15; 16:00		Received by: Patricia Beddy		Company: Weston		
Relinquished by: Patricia Beddy		Company: Weston		Date/Time: 8/12/15 16:00		Received by: FEDEX		Company: TH		
Relinquished by:		Company:		Date/Time:		Received in Laboratory:		Company:		



4.2/4.6

2414119
ED_000552H_00004323-00059

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404-6019
phone 912.354.7858 fax 912 352.0165

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Jonathan Colomb		Site Contact: Jonathan Colomb		Date: 8/12/15		COC No.	
Weston Solutions, Inc.		Tel/Fax: 773-947-4064		Lab Contact: Sheila Hoffman		Carrier: Fed Ex		1 of 1 COCs	
70 N.E. Loop 410; Suite 600		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) Total Metals; including HG*				Sampler: For Lab Use Only: Walk-in Client: Lab Sampling:	
San Antonio, TX 78216-5842		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
(703) 724-0544 Phone		TAT if different from Below							
(xxx) xxx-xxxx FAX									
Project Name: Gpld King Mine - Region 9		<input type="checkbox"/> 2 weeks							
Site: Region 9		<input type="checkbox"/> 1 week							
P G # 20409.016.002.0010.08		<input type="checkbox"/> 2 days							
		<input checked="" type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
SJ4C-081115-10		8/11/15	952	G	SD	1			
SJBB-081115-10		8/11/15	1140	G	SD	1			
SJDS-081115-10		8/11/15	1140	G	SD	1			
SJMh-081115-10		8/11/15	1035	G	SD	1			
SJMC-081115-10		8/11/15	1220	G	SD	1			
SJME-081115-10		8/11/15	1330	G	SD	1			
SJSR-081115-10		8/11/15	1235	G	SD	1			
SJHB-081115-10		8/11/15	1305	G	SD	1			
MECT-081115-10		8/11/15	1345	G	SD	1			
SJLP-081115-10		8/11/15	1425	G	SD	1			
SJFP-081115-10		8/11/15	1345	G	SD	1			
SJME-081115-09		8/11/15	1335	G	SD	1			
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
Special Instructions/QC Requirements & Comments: * (200.7: Al, Ca, Fe, K, Mg, Na) (200.8: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Ag, Se, Tl, V, Zn) (245.1 Hg)									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No							Cooler Temp. (°C): Obs'd: _____ Cor'd: _____ Therm ID No.: _____		
Relinquished by: Jonathan Colomb		Company: Weston Solutions		Date/Time: 8/12/15 16:00		Received by: Patricia Beckley		Company: Weston	
Relinquished by: Patricia Beckley		Company: Weston		Date/Time: 8/12/15 16:00		Received by: FedEX		Company: Weston	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: TH	

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115570-1

Login Number: 115570

List Source: TestAmerica Savannah

List Number: 1

Creator: Daughtry, Beth A

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115570-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15
New Mexico	State Program	6	N/A	06-30-16

TestAmerica Savannah